



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

August 1991

JUNE 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

Agricultural employment totaled 454,100 in June 1991 (Table 1-A), which is 14 percent above the May 1991 level, and 14,800 above the year-ago total. Month-over increases in the San Joaquin Valley (Grapes and Farm Labor Contracting), Desert (Grapes and Farm Labor Contracting) and Central Coast (Berries) accounted for most of the increase. Freeze-affected industries (Citrus, Horticulture and Crop Preparation Services for Market) still remain below year-ago levels.

Wage and Salary Workers in Agricultural Establishments

For June 1991

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	454.1	207.7	73.8	75.7	52.6	31.6	14.4
Total Crops	269.1	114.5	53.8	51.6	20.6	21.7	10.3
Total Livestock	28.0	14.5	2.9	1.2	5.3	2.2	2.0
Total Services	157.0	78.7	17.1	22.9	26.7	7.7	2.1

Source: Tables 1-A through 7-A, June 1991.

Regional Crop Activities

Statewide, year-over employment losses in Farm Labor Contracting were more than offset by gains in Crops Production, mainly Grapes. Employment was below the year-ago level in the Sacramento Valley and North Coast Regions, while the remaining four regions were above the employment totals of June 1990. (Tables 1-A through 7-A.)

According to the California Farm Labor Report (881A), the major regional crop activities during June were:

- Desert : Grapes, melons/cantaloupes and tomatoes (harvest).
- South Coast: Horticulture, avocados and tomatoes (harvest), broccoli and strawberries (plant, cultivate and harvest).
- Central Coast: Horticulture and miscellaneous vegetables (plant, cultivate and harvest), cauliflower, lettuce and strawberries (harvest).
- San Joaquin Valley: Tomatoes and melons (thin and hoe), garlic, tomatoes, peaches, nectarines, cherries, apricots, and plums (harvest), Vegetables miscellaneous (plant, cultivate, harvest), cotton (weed, thin, chop and hoe).

Agricultural Production Workers

The June statewide agricultural production worker employment figure was 423,200 (Table 1-B); this was 15 percent above the May level.

Average weekly earnings for agricultural production workers were \$262.28 statewide and ranged from \$241.50 in the Desert Region to \$327.19 in the Central Coast Region. (Tables 1-C through 7-C.)

Statewide, the average hours worked by agricultural production workers were 42.1, with a low of 37.5 hours in the Desert Region and a high of 50.0 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

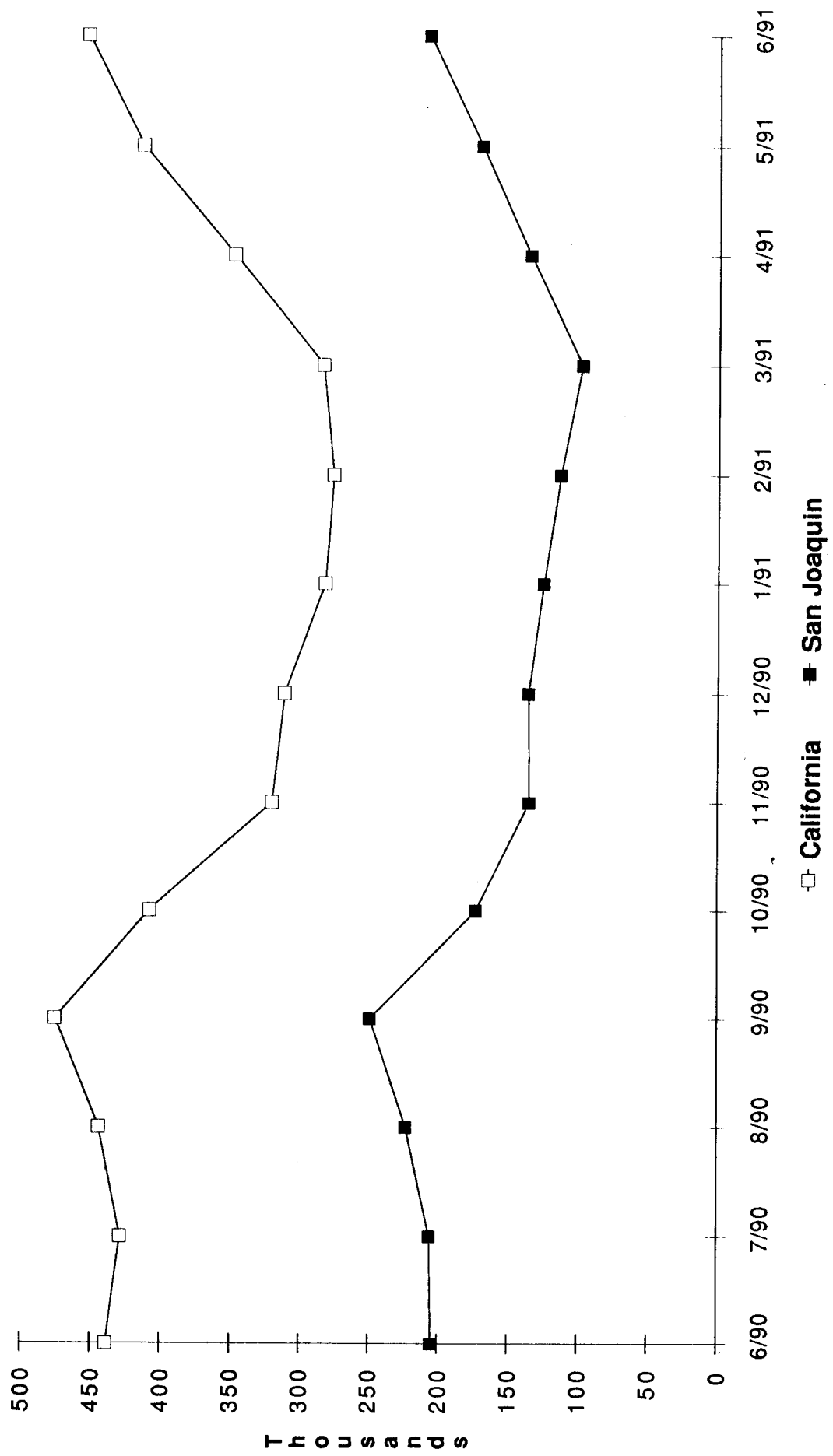
Average Hourly Earnings of Production Workers

For June 1991
(In Dollars per Hour)

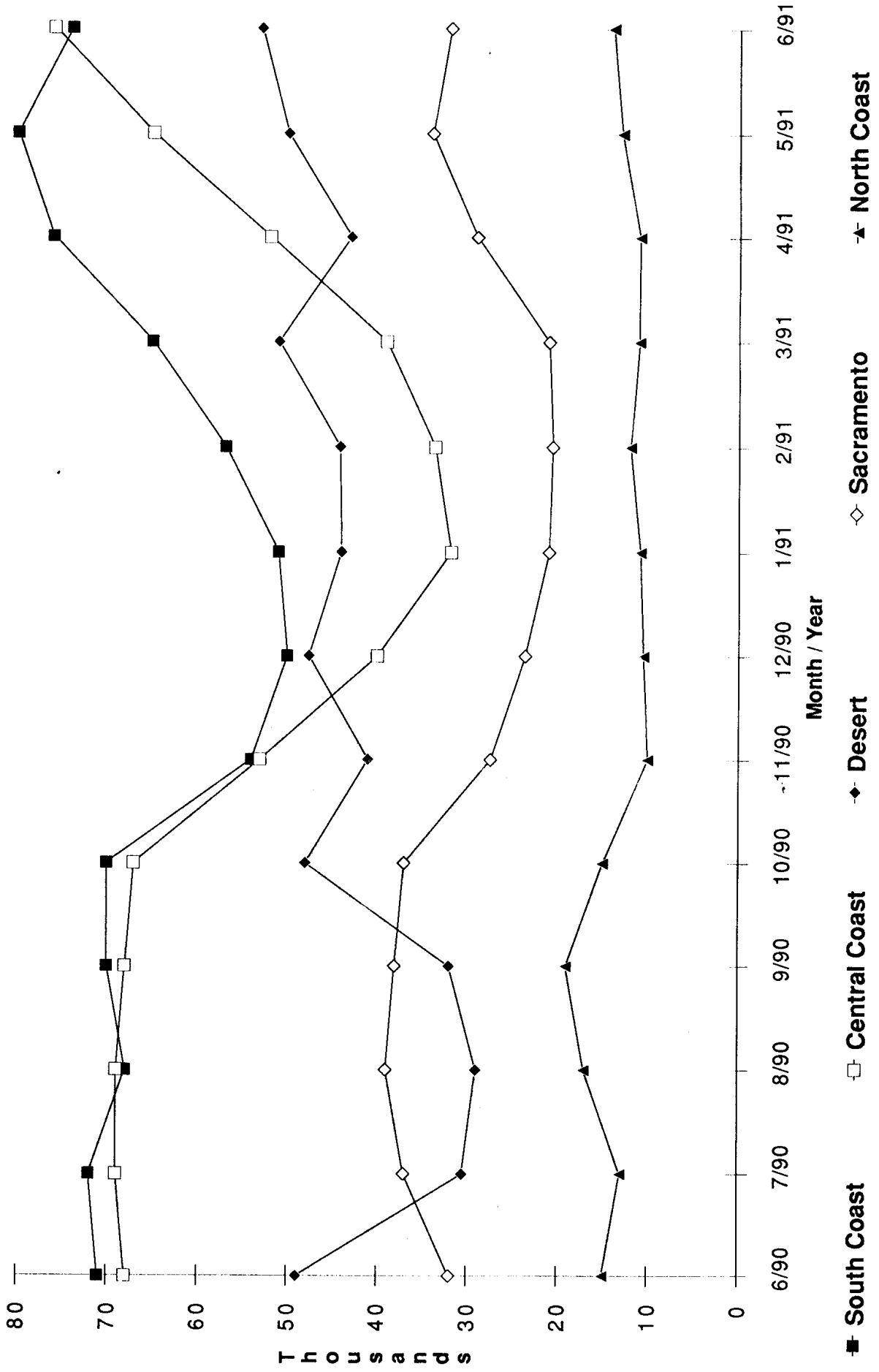
Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.23	5.71	6.43	7.47	6.44	5.65	7.29
Total Crops	6.22	5.72	6.32	7.36	6.27	5.68	7.12
Total Livestock	7.10	6.88	6.64	8.03	8.34	7.06	6.70
Total Services	6.06	5.42	6.79	7.69	6.05	5.10	8.29

Source: Tables 1-E through 7-E, June 1991.

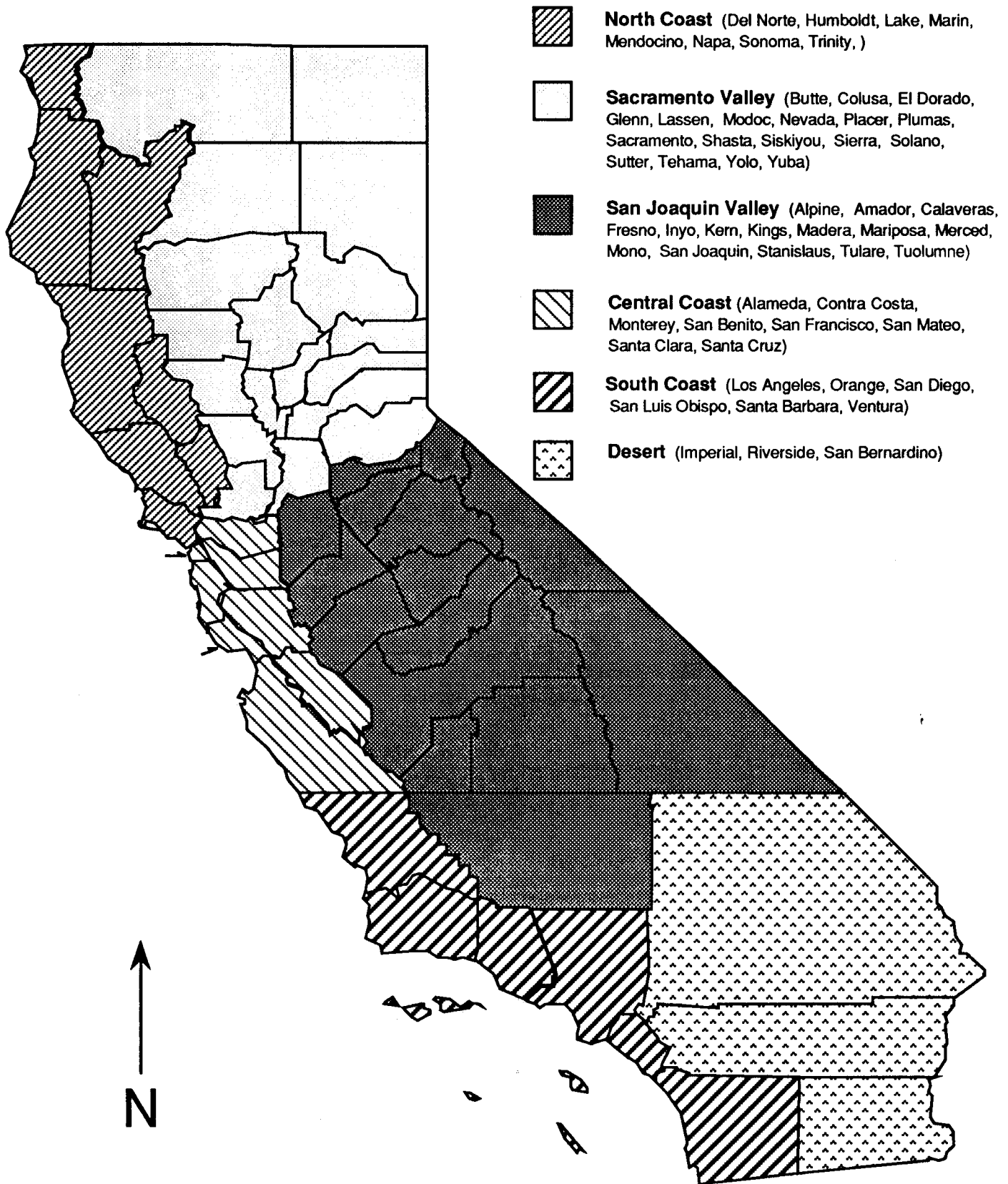
TOTAL WAGE & SALARY EMPLOYMENT **California and San Joaquin Region**



TOTAL WAGE & SALARY EMPLOYMENT **All Regions except San Joaquin**



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period. Since the full employer sample was not complete prior to October 1990, the data for production workers employment, earnings and hours are not yet available for year-over comparison.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- It is important to note that average hourly earnings are not hourly wage rates; they are gross earnings of production workers divided by total hours for production workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a new monthly sampling project: the Current Employment Statistics for Agriculture. Therefore, estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 427-4961.** (ATSS 8-466-4961).

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	454.1	398.5	439.3
TOTAL AGRIC. PROD. CROPS	269.1	239.3	237.7
CASH GRAINS	3.8	3.9	3.5
RICE	1.8	2.1	1.7
OTHER CASH GRAIN	2.0	1.8	1.8
FIELD CROPS EXCEPT CASH GRAIN	17.5	16.2	16.2
COTTON	10.2	9.3	8.9
OTHER FIELD CROPS	7.3	6.9	7.3
VEGETABLES AND MELONS	43.5	41.0	36.1
TOTAL FRUIT AND TREE NUTS	131.1	107.4	108.6
BERRIES	28.9	30.3	27.3
GRAPES	54.5	34.9	35.9
TREE NUTS	5.8	5.8	5.8
CITRUS FRUITS	4.7	4.7	6.1
DECIDUOUS TREE FRUIT	22.6	18.7	21.2
OTHER FRUITS AND NUTS	14.6	13.0	12.3
TOTAL HORTICULTURAL SPECIALTIES	32.1	32.7	34.9
ORNAMENTAL FLORAL & NURS PRD	28.7	29.4	31.3
FOOD CROPS GROWN UNDR COVER	3.4	3.3	3.6
GENERAL FARM PRIMARILY CROP	41.1	38.1	38.4
TOTAL AGRIC. PROD. LIVESTOCK	28.0	27.8	28.4
BEEF CATTLE FEED LOTS	0.9	0.9	1.0
BEEF CATTLE EXCEPT FEED LOTS	4.1	4.0	4.3
DAIRY FARMS	13.3	13.2	13.1
CHICKEN EGGS	3.2	3.2	3.4
TURKEYS & TURKEY EGGS	1.3	1.3	1.3
OTHER LIVESTOCK	5.2	5.2	5.3
TOTAL AGRICULTURAL SERVICES	157.0	131.4	173.2
SOIL PREPARATION SERVICES	1.1	1.1	1.0
CROP SERVICES	52.8	45.0	54.4
CROP PLANT-CULT-PROTECTION	6.1	6.0	6.3
CROP HARVEST PRIM. MACHINE	11.0	7.7	10.8
CROP PREP. SERV. FOR MARKET	34.7	30.3	36.4
COTTON GINNING	1.0	1.0	0.9
TOTAL FARM LABOR & MANAGEMENT	103.1	85.3	117.8
FARM LABOR CONTRACTORS	94.1	76.5	102.7
FARM MANAGEMENT SERVICES	9.0	8.8	15.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	423.2	367.3
TOTAL AGRIC. PROD. CROPS	249.6	220.3
CASH GRAINS	3.3	3.5
RICE	1.5	1.8
OTHER CASH GRAIN	1.8	1.7
FIELD CROPS EXCEPT CASH GRAIN	16.1	14.9
COTTON	9.6	8.7
OTHER FIELD CROPS	6.5	6.2
VEGETABLES AND MELONS	40.7	38.3
TOTAL FRUIT AND TREE NUTS	124.9	101.5
BERRIES	28.3	29.7
GRAPES	52.0	32.3
TREE NUTS	5.2	5.2
CITRUS FRUITS	4.3	4.3
DECIDUOUS TREE FRUIT	21.2	17.5
OTHER FRUITS AND NUTS	13.9	12.5
TOTAL HORTICULTURAL SPECIALTIES	26.7	27.3
ORNAMENTAL FLORAL & NURS PRD	23.7	24.4
FOOD CROPS GROWN UNDR COVER	3.0	2.9
GENERAL FARM PRIMARILY CROP	37.9	34.8
TOTAL AGRIC. PROD. LIVESTOCK	24.1	23.6
BEEF CATTLE FEED LOTS	0.7	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.3	3.2
DAIRY FARMS	12.5	12.3
CHICKEN EGGS	2.4	2.3
TURKEYS & TURKEY EGGS	0.9	0.9
OTHER LIVESTOCK	4.3	4.2
TOTAL AGRICULTURAL SERVICES	149.5	123.4
SOIL PREPARATION SERVICES	0.8	0.8
CROP SERVICES	47.8	39.9
CROP PLANT-CULT-PROTECTION	5.1	5.0
CROP HARVEST PRIM. MACHINE	10.5	7.2
CROP PREP. SERV. FOR MARKET	31.5	27.0
COTTON GINNING	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	100.9	82.7
FARM LABOR CONTRACTORS	92.9	75.0
FARM MANAGEMENT SERVICES	8.0	7.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	262.28	268.78
TOTAL AGRIC. PROD. CROPS	271.19	276.17
CASH GRAINS	367.79	348.75
RICE	350.46	354.13
OTHER CASH GRAIN	382.01	342.65
FIELD CROPS EXCEPT CASH GRAIN	306.28	311.98
COTTON	312.13	324.72
OTHER FIELD CROPS	296.41	294.09
VEGETABLES AND MELONS	319.81	317.39
TOTAL FRUIT AND TREE NUTS	237.55	241.57
BERRIES	251.54	253.44
GRAPES	235.22	240.78
TREE NUTS	286.12	263.14
CITRUS FRUITS	277.29	280.74
DECIDUOUS TREE FRUIT	206.56	222.56
OTHER FRUITS AND NUTS	234.84	223.65
TOTAL HORTICULTURAL SPECIALTIES	303.96	304.26
ORNAMENTAL FLORAL & NURS PRD	300.45	301.32
FOOD CROPS GROWN UNDR COVER	332.35	328.60
GENERAL FARM PRIMARILY CROP	282.64	283.53
TOTAL AGRIC. PROD. LIVESTOCK	358.55	344.26
BEEF CATTLE FEED LOTS	402.02	390.72
BEEF CATTLE EXCEPT FEED LOTS	337.70	325.58
DAIRY FARMS	386.46	361.49
CHICKEN EGGS	285.04	288.47
TURKEYS & TURKEY EGGS	319.13	318.00
OTHER LIVESTOCK	337.25	338.07
TOTAL AGRICULTURAL SERVICES	232.10	241.34
SOIL PREPARATION SERVICES	519.69	574.82
CROP SERVICES	259.96	280.71
CROP PLANT-CULT-PROTECTION	312.59	311.66
CROP HARVEST PRIM. MACHINE	242.68	292.32
CROP PREP. SERV. FOR MARKET	255.53	271.75
COTTON GINNING	334.09	281.45
TOTAL FARM LABOR & MANAGEMENT	216.60	219.38
FARM LABOR CONTRACTORS	210.37	212.13
FARM MANAGEMENT SERVICES	287.84	288.11

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	42.1	42.8
TOTAL AGRIC. PROD. CROPS	43.6	44.4
CASH GRAINS	61.4	56.8
RICE	56.8	56.3
OTHER CASH GRAIN	65.3	57.3
FIELD CROPS EXCEPT CASH GRAIN	49.4	49.6
COTTON	49.0	49.2
OTHER FIELD CROPS	49.9	50.1
VEGETABLES AND MELONS	47.1	45.8
TOTAL FRUIT AND TREE NUTS	39.2	40.6
BERRIES	37.1	39.6
GRAPES	39.4	41.3
TREE NUTS	46.0	44.6
CITRUS FRUITS	39.5	39.1
DECIDUOUS TREE FRUIT	38.9	41.6
OTHER FRUITS AND NUTS	40.7	39.1
TOTAL HORTICULTURAL SPECIALTIES	45.3	46.1
ORNAMENTAL FLORAL & NURS PRD	45.8	46.5
FOOD CROPS GROWN UNDR COVER	41.7	42.4
GENERAL FARM PRIMARILY CROP	48.9	48.8
TOTAL AGRIC. PROD. LIVESTOCK	50.5	48.9
BEEF CATTLE FEED LOTS	54.4	55.5
BEEF CATTLE EXCEPT FEED LOTS	47.9	47.6
DAIRY FARMS	53.9	50.7
CHICKEN EGGS	45.9	45.5
TURKEYS & TURKEY EGGS	53.1	53.0
OTHER LIVESTOCK	44.2	44.6
TOTAL AGRICULTURAL SERVICES	38.3	38.8
SOIL PREPARATION SERVICES	49.4	55.7
CROP SERVICES	38.8	41.1
CROP PLANT-CULT-PROTECTION	45.7	45.9
CROP HARVEST PRIM. MACHINE	35.9	41.7
CROP PREP. SERV. FOR MARKET	38.6	40.2
COTTON GINNING	40.3	32.5
TOTAL FARM LABOR & MANAGEMENT	38.0	37.5
FARM LABOR CONTRACTORS	37.3	36.7
FARM MANAGEMENT SERVICES	46.5	45.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	6.23	6.28
TOTAL AGRIC. PROD. CROPS	6.22	6.22
CASH GRAINS	5.99	6.14
RICE	6.17	6.29
OTHER CASH GRAIN	5.85	5.98
FIELD CROPS EXCEPT CASH GRAIN	6.20	6.29
COTTON	6.37	6.60
OTHER FIELD CROPS	5.94	5.87
VEGETABLES AND MELONS	6.79	6.93
TOTAL FRUIT AND TREE NUTS	6.06	5.95
BERRIES	6.78	6.40
GRAPES	5.97	5.83
TREE NUTS	6.22	5.90
CITRUS FRUITS	7.02	7.18
DECIDUOUS TREE FRUIT	5.31	5.35
OTHER FRUITS AND NUTS	5.77	5.72
TOTAL HORTICULTURAL SPECIALTIES	6.71	6.60
ORNAMENTAL FLORAL & NURS PRD	6.56	6.48
FOOD CROPS GROWN UNDR COVER	7.97	7.75
GENERAL FARM PRIMARILY CROP	5.78	5.81
TOTAL AGRIC. PROD. LIVESTOCK	7.10	7.04
BEEF CATTLE FEED LOTS	7.39	7.04
BEEF CATTLE EXCEPT FEED LOTS	7.05	6.84
DAIRY FARMS	7.17	7.13
CHICKEN EGGS	6.21	6.34
TURKEYS & TURKEY EGGS	6.01	6.00
OTHER LIVESTOCK	7.63	7.58
TOTAL AGRICULTURAL SERVICES	6.06	6.22
SOIL PREPARATION SERVICES	10.52	10.32
CROP SERVICES	6.70	6.83
CROP PLANT-CULT-PROTECTION	6.84	6.79
CROP HARVEST PRIM. MACHINE	6.76	7.01
CROP PREP. SERV. FOR MARKET	6.62	6.76
COTTON GINNING	8.29	8.66
TOTAL FARM LABOR & MANAGEMENT	5.70	5.85
FARM LABOR CONTRACTORS	5.64	5.78
FARM MANAGEMENT SERVICES	6.19	6.36

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	207.7	167.5	204.5
TOTAL AGRIC. PROD. CROPS	114.5	93.5	92.1
TOTAL FIELD CROPS	13.8	12.6	13.3
COTTON	9.8	8.9	8.4
OTHER FIELD CROPS	4.0	3.7	4.9
VEGETABLES AND MELONS	9.2	7.4	7.1
TOTAL FRUIT AND TREE NUTS	66.3	50.0	47.5
GRAPES	34.0	21.8	19.0
TREE NUTS	3.6	3.7	3.5
CITRUS FRUITS	1.8	2.1	2.9
DECIDUOUS TREE FRUIT	16.9	13.6	14.6
OTHER FRUITS AND NUTS	10.0	8.8	7.5
HORTICULTURAL SPECIALTIES	2.7	2.8	3.1
GENERAL FARM PRIMARILY CROP	22.5	20.7	21.1
TOTAL AGRIC. PROD. LIVESTOCK	14.5	14.2	14.3
BEEF CATTLE FEED LOTS	0.4	0.3	0.4
BEEF CATTLE EXCEPT FEED LOTS	1.5	1.5	1.6
DAIRY FARMS	8.8	8.6	8.3
POULTRY & EGGS	2.7	2.7	2.8
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	78.7	59.8	98.1
CROP SERVICES	23.1	18.9	26.9
CROP PLANT-CULT-PROTECTION	4.4	4.0	4.1
CROP HARVEST PRIM. MACHINE	2.5	1.9	3.6
CROP PREP. SERV. FOR MARKET	15.2	12.0	18.3
COTTON GINNING	1.0	1.0	0.9
TOTAL FARM LABOR & MANAGEMENT	55.6	40.9	71.2
FARM LABOR CONTRACTORS	51.8	37.5	61.8
FARM MANAGEMENT SERVICES	3.8	3.4	9.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	195.4	155.4
TOTAL AGRIC. PROD. CROPS	107.7	86.8
TOTAL FIELD CROPS	12.7	11.6
COTTON	9.2	8.3
OTHER FIELD CROPS	3.5	3.3
VEGETABLES AND MELONS	8.7	7.0
TOTAL FRUIT AND TREE NUTS	63.5	47.2
GRAPES	33.0	20.7
TREE NUTS	3.3	3.3
CITRUS FRUITS	1.6	1.9
DECIDUOUS TREE FRUIT	15.9	12.7
OTHER FRUITS AND NUTS	9.7	8.6
HORTICULTURAL SPECIALTIES	2.4	2.5
GENERAL FARM PRIMARILY CROP	20.4	18.5
TOTAL AGRIC. PROD. LIVESTOCK	13.3	13.0
BEEF CATTLE FEED LOTS	0.3	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3
DAIRY FARMS	8.2	8.0
POULTRY & EGGS	2.4	2.4
OTHER LIVESTOCK	1.1	1.1
TOTAL AGRICULTURAL SERVICES	74.4	55.6
CROP SERVICES	19.7	15.5
CROP PLANT-CULT-PROTECTION	3.5	3.1
CROP HARVEST PRIM. MACHINE	2.2	1.6
CROP PREP. SERV. FOR MARKET	13.3	10.1
COTTON GINNING	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	54.7	40.1
FARM LABOR CONTRACTORS	51.3	37.0
FARM MANAGEMENT SERVICES	3.4	3.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	243.25	248.11
TOTAL AGRIC. PROD. CROPS	247.10	253.27
TOTAL FIELD CROPS	316.39	323.84
COTTON	311.21	324.70
OTHER FIELD CROPS	328.95	322.30
VEGETABLES AND MELONS	251.85	234.17
TOTAL FRUIT AND TREE NUTS	230.45	232.41
GRAPES	247.91	236.73
TREE NUTS	292.02	263.87
CITRUS FRUITS	255.44	228.11
DECIDUOUS TREE FRUIT	198.28	221.75
OTHER FRUITS AND NUTS	198.85	225.60
HORTICULTURAL SPECIALTIES	356.54	353.97
GENERAL FARM PRIMARILY CROP	241.43	255.11
TOTAL AGRIC. PROD. LIVESTOCK	359.82	341.32
BEEF CATTLE FEED LOTS	466.99	450.10
BEEF CATTLE EXCEPT FEED LOTS	373.43	341.74
DAIRY FARMS	373.98	349.01
POULTRY & EGGS	295.17	294.10
OTHER LIVESTOCK	354.90	368.35
TOTAL AGRICULTURAL SERVICES	216.80	218.02
CROP SERVICES	243.41	261.41
CROP PLANT-CULT-PROTECTION	308.13	309.44
CROP HARVEST PRIM. MACHINE	281.08	370.50
CROP PREP. SERV. FOR MARKET	214.40	228.58
COTTON GINNING	332.93	274.02
TOTAL FARM LABOR & MANAGEMENT	207.36	201.56
FARM LABOR CONTRACTORS	201.37	194.00
FARM MANAGEMENT SERVICES	296.94	294.32

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	42.6	43.3
TOTAL AGRIC. PROD. CROPS	43.2	44.2
TOTAL FIELD CROPS	50.3	50.6
COTTON	48.4	48.9
OTHER FIELD CROPS	55.1	55.0
VEGETABLES AND MELONS	46.9	44.1
TOTAL FRUIT AND TREE NUTS	41.3	41.8
GRAPES	43.8	42.5
TREE NUTS	45.7	44.2
CITRUS FRUITS	41.4	34.2
DECIDUOUS TREE FRUIT	38.5	42.4
OTHER FRUITS AND NUTS	35.7	40.0
HORTICULTURAL SPECIALTIES	41.7	43.7
GENERAL FARM PRIMARILY CROP	43.5	46.3
TOTAL AGRIC. PROD. LIVESTOCK	52.3	49.9
BEEF CATTLE FEED LOTS	67.0	64.3
BEEF CATTLE EXCEPT FEED LOTS	53.5	49.6
DAIRY FARMS	54.2	51.1
POULTRY & EGGS	43.6	43.7
OTHER LIVESTOCK	52.5	52.1
TOTAL AGRICULTURAL SERVICES	40.0	40.3
CROP SERVICES	40.5	42.3
CROP PLANT-CULT-PROTECTION	42.5	42.1
CROP HARVEST PRIM. MACHINE	47.4	57.8
CROP PREP. SERV. FOR MARKET	38.7	40.6
COTTON GINNING	40.8	32.2
TOTAL FARM LABOR & MANAGEMENT	39.8	39.6
FARM LABOR CONTRACTORS	39.1	38.8
FARM MANAGEMENT SERVICES	50.5	49.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	5.71	5.73
TOTAL AGRIC. PROD. CROPS	5.72	5.73
TOTAL FIELD CROPS	6.29	6.40
COTTON	6.43	6.64
OTHER FIELD CROPS	5.97	5.86
VEGETABLES AND MELONS	5.37	5.31
TOTAL FRUIT AND TREE NUTS	5.58	5.56
GRAPES	5.66	5.57
TREE NUTS	6.39	5.97
CITRUS FRUITS	6.17	6.67
DECIDUOUS TREE FRUIT	5.15	5.23
OTHER FRUITS AND NUTS	5.57	5.64
HORTICULTURAL SPECIALTIES	8.55	8.10
GENERAL FARM PRIMARILY CROP	5.55	5.51
TOTAL AGRIC. PROD. LIVESTOCK	6.88	6.84
BEEF CATTLE FEED LOTS	6.97	7.00
BEEF CATTLE EXCEPT FEED LOTS	6.98	6.89
DAIRY FARMS	6.90	6.83
POULTRY & EGGS	6.77	6.73
OTHER LIVESTOCK	6.76	7.07
TOTAL AGRICULTURAL SERVICES	5.42	5.41
CROP SERVICES	6.01	6.18
CROP PLANT-CULT-PROTECTION	7.25	7.35
CROP HARVEST PRIM. MACHINE	5.93	6.41
CROP PREP. SERV. FOR MARKET	5.54	5.63
COTTON GINNING	8.16	8.51
TOTAL FARM LABOR & MANAGEMENT	5.21	5.09
FARM LABOR CONTRACTORS	5.15	5.00
FARM MANAGEMENT SERVICES	5.88	5.97

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	73.8	76.6	70.6
TOTAL AGRIC. PROD. CROPS	53.8	57.1	50.8
VEGETABLES AND MELONS	14.7	14.1	10.8
TOTAL FRUIT AND TREE NUTS	18.6	21.9	19.3
BERRIES	13.4	16.8	14.3
GRAPES	1.0	1.1	0.8
CITRUS FRUITS	2.2	2.1	2.0
OTHER FRUITS AND NUTS	2.0	1.9	2.2
TOTAL HORTICULTURAL SPECIALTIES	16.0	16.4	16.8
ORNAMENTAL FLORAL & NURS PRD	15.4	15.8	15.9
FOOD CROPS GROWN UNDR COVER	0.6	0.6	0.9
GENERAL FARM PRIMARILY CROP	4.5	4.7	3.9
TOTAL AGRIC. PROD. LIVESTOCK	2.9	2.9	2.9
TOTAL AGRICULTURAL SERVICES	17.1	16.6	16.9
CROP SERVICES	5.4	5.1	5.1
CROP HARVEST PRIM. MACHINE	2.2	1.9	1.9
CROP PREP. SERV. FOR MARKET	3.2	3.2	3.2
TOTAL FARM LABOR & MANAGEMENT	11.7	11.5	11.8
FARM LABOR CONTRACTORS	8.7	8.5	9.4
FARM MANAGEMENT SERVICES	3.0	3.0	2.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	66.2	69.0
TOTAL AGRIC. PROD. CROPS	48.1	51.6
VEGETABLES AND MELONS	13.1	12.4
TOTAL FRUIT AND TREE NUTS	17.7	21.2
BERRIES	13.1	16.5
GRAPES	0.9	1.0
CITRUS FRUITS	1.9	1.9
OTHER FRUITS AND NUTS	1.8	1.8
TOTAL HORTICULTURAL SPECIALTIES	13.1	13.6
ORNAMENTAL FLORAL & NURS PRD	12.6	13.1
FOOD CROPS GROWN UNDR COVER	0.5	0.5
GENERAL FARM PRIMARILY CROP	4.2	4.4
TOTAL AGRIC. PROD. LIVESTOCK	2.2	2.1
TOTAL AGRICULTURAL SERVICES	15.9	15.3
CROP SERVICES	5.0	4.7
CROP HARVEST PRIM. MACHINE	2.1	1.9
CROP PREP. SERV. FOR MARKET	2.9	2.8
TOTAL FARM LABOR & MANAGEMENT	10.9	10.6
FARM LABOR CONTRACTORS	8.3	7.9
FARM MANAGEMENT SERVICES	2.6	2.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	260.42	288.64
TOTAL AGRIC. PROD. CROPS	262.28	294.25
VEGETABLES AND MELONS	285.14	321.32
TOTAL FRUIT AND TREE NUTS	222.04	274.72
BERRIES	197.90	264.58
GRAPES	259.00	348.48
CITRUS FRUITS	312.34	307.11
OTHER FRUITS AND NUTS	277.91	289.49
TOTAL HORTICULTURAL SPECIALTIES	285.67	289.14
ORNAMENTAL FLORAL & NURS PRD	285.80	288.59
FOOD CROPS GROWN UNDR COVER	287.68	302.25
GENERAL FARM PRIMARILY CROP	284.90	326.31
TOTAL AGRIC. PROD. LIVESTOCK	294.15	289.74
TOTAL AGRICULTURAL SERVICES	251.91	270.96
CROP SERVICES	292.15	297.79
CROP HARVEST PRIM. MACHINE	276.19	292.37
CROP PREP. SERV. FOR MARKET	303.00	301.49
TOTAL FARM LABOR & MANAGEMENT	233.58	259.46
FARM LABOR CONTRACTORS	229.04	252.75
FARM MANAGEMENT SERVICES	247.87	279.07

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	40.5	43.8
TOTAL AGRIC. PROD. CROPS	41.5	45.2
VEGETABLES AND MELONS	43.4	46.1
TOTAL FRUIT AND TREE NUTS	36.7	43.4
BERRIES	33.6	42.4
GRAPES	37.7	49.5
CITRUS FRUITS	46.0	43.5
OTHER FRUITS AND NUTS	48.5	48.9
TOTAL HORTICULTURAL SPECIALTIES	46.3	47.4
ORNAMENTAL FLORAL & NURS PRD	46.7	47.7
FOOD CROPS GROWN UNDR COVER	36.6	39.0
GENERAL FARM PRIMARILY CROP	40.7	44.7
TOTAL AGRIC. PROD. LIVESTOCK	44.3	44.1
TOTAL AGRICULTURAL SERVICES	37.1	39.1
CROP SERVICES	37.6	39.6
CROP HARVEST PRIM. MACHINE	33.6	36.5
CROP PREP. SERV. FOR MARKET	40.4	41.7
TOTAL FARM LABOR & MANAGEMENT	36.9	38.9
FARM LABOR CONTRACTORS	35.4	37.5
FARM MANAGEMENT SERVICES	41.8	43.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	6.43	6.59
TOTAL AGRIC. PROD. CROPS	6.32	6.51
VEGETABLES AND MELONS	6.57	6.97
TOTAL FRUIT AND TREE NUTS	6.05	6.33
BERRIES	5.89	6.24
GRAPES	6.87	7.04
CITRUS FRUITS	6.79	7.06
OTHER FRUITS AND NUTS	5.73	5.92
TOTAL HORTICULTURAL SPECIALTIES	6.17	6.10
ORNAMENTAL FLORAL & NURS PRD	6.12	6.05
FOOD CROPS GROWN UNDR COVER	7.86	7.75
GENERAL FARM PRIMARILY CROP	7.00	7.30
TOTAL AGRIC. PROD. LIVESTOCK	6.64	6.57
TOTAL AGRICULTURAL SERVICES	6.79	6.93
CROP SERVICES	7.77	7.52
CROP HARVEST PRIM. MACHINE	8.22	8.01
CROP PREP. SERV. FOR MARKET	7.50	7.23
TOTAL FARM LABOR & MANAGEMENT	6.33	6.67
FARM LABOR CONTRACTORS	6.47	6.74
FARM MANAGEMENT SERVICES	5.93	6.46

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	75.7	70.3	68.0
TOTAL AGRIC. PRODD. CROPS	51.6	46.8	43.1
VEGETABLES AND MELONS	16.3	16.0	13.3
TOTAL FRUIT AND TREE NUTS	21.4	16.9	16.3
BERRIES	17.1	13.7	12.3
GRAPES	1.6	1.6	1.6
DECIDUOUS TREE FRUIT	1.8	0.8	1.5
OTHER FRUITS AND NUTS	0.9	0.8	0.9
TOTAL HORTICULTURAL SPECIALTIES	9.6	9.7	10.2
ORNAMENTAL FLORAL & NURS PRD	7.3	7.5	8.0
FOOD CROPS GROWN UNDR COVER	2.3	2.2	2.2
GENERAL FARM PRIMARILY CROP	4.3	4.2	3.3
TOTAL AGRIC. PRODD. LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	22.9	22.3	23.7
CROP SERVICES	12.6	11.9	11.7
CROP HARVEST PRIM. MACHINE	4.3	4.3	4.2
CROP PREP. SERV. FOR MARKET	8.3	7.6	7.5
TOTAL FARM LABOR & MANAGEMENT	10.3	10.4	12.0
FARM LABOR CONTRACTORS	9.7	9.7	11.4
FARM MANAGEMENT SERVICES	0.6	0.7	0.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 CENTRAL COAST REGION
 (IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	70.5	65.2
TOTAL AGRIC. PROD. CROPS	47.8	43.1
VEGETABLES AND MELONS	15.2	14.9
TOTAL FRUIT AND TREE NUTS	20.6	16.2
BERRIES	16.8	13.4
GRAPES	1.3	1.3
DECIDUOUS TREE FRUIT	1.7	0.7
OTHER FRUITS AND NUTS	0.8	0.8
TOTAL HORTICULTURAL SPECIALTIES	7.9	8.0
ORNAMENTAL FLORAL & NURS PRD	5.9	6.1
FOOD CROPS GROWN UNDR COVER	2.0	1.9
GENERAL FARM PRIMARILY CROP	4.1	4.0
TOTAL AGRIC. PROD. LIVESTOCK	0.9	0.9
TOTAL AGRICULTURAL SERVICES	21.8	21.2
CROP SERVICES	11.6	10.9
CROP HARVEST PRIM. MACHINE	3.9	3.9
CROP PREP. SERV. FOR MARKET	7.7	7.0
TOTAL FARM LABOR & MANAGEMENT	10.2	10.3
FARM LABOR CONTRACTORS	9.7	9.6
FARM MANAGEMENT SERVICES	0.5	0.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	327.19	315.13
TOTAL AGRIC. PROD. CROPS	334.88	310.46
VEGETABLES AND MELONS	381.47	367.29
TOTAL FRUIT AND TREE NUTS	305.78	246.66
BERRIES	320.26	238.68
GRAPES	305.45	306.92
DECIDUOUS TREE FRUIT	176.29	234.63
OTHER FRUITS AND NUTS	268.38	291.41
TOTAL HORTICULTURAL SPECIALTIES	329.87	329.82
ORNAMENTAL FLORAL & NURS PRD	310.41	303.50
FOOD CROPS GROWN UNDR COVER	384.86	411.84
GENERAL FARM PRIMARILY CROP	322.32	321.59
TOTAL AGRIC. PROD. LIVESTOCK	330.03	311.26
TOTAL AGRICULTURAL SERVICES	309.91	324.16
CROP SERVICES	324.79	345.03
CROP HARVEST PRIM. MACHINE	288.27	304.15
CROP PREP. SERV. FOR MARKET	343.00	367.63
TOTAL FARM LABOR & MANAGEMENT	292.93	301.82
FARM LABOR CONTRACTORS	288.75	297.53
FARM MANAGEMENT SERVICES	367.20	372.86

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	43.8	42.7
TOTAL AGRIC. PROD. CROPS	45.5	43.3
VEGETABLES AND MELONS	49.8	47.7
TOTAL FRUIT AND TREE NUTS	40.5	35.8
BERRIES	41.7	35.1
GRAPES	41.0	38.9
DECIDUOUS TREE FRUIT	30.5	39.5
OTHER FRUITS AND NUTS	34.9	38.7
TOTAL HORTICULTURAL SPECIALTIES	47.6	47.8
ORNAMENTAL FLORAL & NURS PRD	48.2	47.2
FOOD CROPS GROWN UNDR COVER	45.6	49.5
GENERAL FARM PRIMARILY CROP	50.6	48.8
TOTAL AGRIC. PROD. LIVESTOCK	41.1	39.4
TOTAL AGRICULTURAL SERVICES	40.3	41.4
CROP SERVICES	40.7	43.4
CROP HARVEST PRIM. MACHINE	41.3	43.7
CROP PREP. SERV. FOR MARKET	40.4	43.2
TOTAL FARM LABOR & MANAGEMENT	39.8	39.3
FARM LABOR CONTRACTORS	39.5	39.2
FARM MANAGEMENT SERVICES	45.0	41.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	7.47	7.38
TOTAL AGRIC. PROD. CROPS	7.36	7.17
VEGETABLES AND MELONS	7.66	7.70
TOTAL FRUIT AND TREE NUTS	7.55	6.89
BERRIES	7.68	6.80
GRAPES	7.45	7.89
DECIDUOUS TREE FRUIT	5.78	5.94
OTHER FRUITS AND NUTS	7.69	7.53
TOTAL HORTICULTURAL SPECIALTIES	6.93	6.90
ORNAMENTAL FLORAL & NURS PRD	6.44	6.43
FOOD CROPS GROWN UNDR COVER	8.44	8.32
GENERAL FARM PRIMARILY CROP	6.37	6.59
TOTAL AGRIC. PROD. LIVESTOCK	8.03	7.90
TOTAL AGRICULTURAL SERVICES	7.69	7.83
CROP SERVICES	7.98	7.95
CROP HARVEST PRIM. MACHINE	6.98	6.96
CROP PREP. SERV. FOR MARKET	8.49	8.51
TOTAL FARM LABOR & MANAGEMENT	7.36	7.68
FARM LABOR CONTRACTORS	7.31	7.59
FARM MANAGEMENT SERVICES	8.16	8.92

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	52.6	40.7	49.1
TOTAL AGRIC. PROD. CROPS	20.6	14.9	18.4
FIELD CROPS	1.9	1.7	1.9
VEGETABLES AND MELONS	3.6	3.5	2.8
TOTAL FRUIT AND TREE NUTS	9.8	5.3	8.3
GRAPES	7.3	3.2	5.8
CITRUS FRUITS	0.6	0.5	1.0
OTHER FRUITS AND NUTS	1.9	1.6	1.5
HORTICULTURAL SPECIALTIES	1.0	1.0	1.1
GENERAL FARM PRIMARILY CROP	4.3	3.4	4.3
TOTAL AGRIC. PROD. LIVESTOCK	5.3	5.2	5.6
DAIRY FARMS	2.2	2.2	2.4
CHICKEN EGGS	1.4	1.3	1.5
OTHER LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	26.7	20.6	25.1
CROP SERVICES	8.6	6.7	9.0
CROP PLANT-CULT-PROTECTION	0.8	0.8	0.7
CROP HARVEST PRIM. MACHINE	2.2	0.9	2.2
CROP PREP. SERV. FOR MARKET	5.6	5.0	6.1
TOTAL FARM LABOR & MANAGEMENT	18.1	13.9	16.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	49.0	37.5
TOTAL AGRIC. PROD. CROPS	18.8	13.6
FIELD CROPS	1.5	1.5
VEGETABLES AND MELONS	3.5	3.4
TOTAL FRUIT AND TREE NUTS	9.2	4.9
GRAPES	6.9	3.0
CITRUS FRUITS	0.5	0.4
OTHER FRUITS AND NUTS	1.8	1.5
HORTICULTURAL SPECIALTIES	0.8	0.8
GENERAL FARM PRIMARILY CROP	3.8	3.0
TOTAL AGRIC. PROD. LIVESTOCK	4.5	4.3
DAIRY FARMS	2.1	2.1
CHICKEN EGGS	1.0	0.9
OTHER LIVESTOCK	1.4	1.3
TOTAL AGRICULTURAL SERVICES	25.7	19.6
CROP SERVICES	8.0	6.2
CROP PLANT-CULT-PROTECTION	0.7	0.7
CROP HARVEST PRIM. MACHINE	2.0	0.8
CROP PREP. SERV. FOR MARKET	5.3	4.7
TOTAL FARM LABOR & MANAGEMENT	17.7	13.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	241.50	240.11
TOTAL AGRIC. PROD. CROPS	273.37	258.57
FIELD CROPS	315.60	310.72
VEGETABLES AND MELONS	304.55	250.56
TOTAL FRUIT AND TREE NUTS	217.35	204.23
GRAPES	201.50	202.61
CITRUS FRUITS	250.03	256.41
OTHER FRUITS AND NUTS	269.01	193.89
HORTICULTURAL SPECIALTIES	338.55	350.66
GENERAL FARM PRIMARILY CROP	349.80	305.32
TOTAL AGRIC. PROD. LIVESTOCK	429.51	410.32
DAIRY FARMS	527.24	492.46
CHICKEN EGGS	270.27	273.74
OTHER LIVESTOCK	391.64	374.35
TOTAL AGRICULTURAL SERVICES	184.53	189.03
CROP SERVICES	230.64	241.64
CROP PLANT-CULT-PROTECTION	313.34	280.54
CROP HARVEST PRIM. MACHINE	204.93	210.98
CROP PREP. SERV. FOR MARKET	230.51	240.67
TOTAL FARM LABOR & MANAGEMENT	163.90	165.10

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	37.5	37.4
TOTAL AGRIC. PROD. CROPS	43.6	43.9
FIELD CROPS	51.4	51.7
VEGETABLES AND MELONS	49.2	43.2
TOTAL FRUIT AND TREE NUTS	35.0	36.6
GRAPES	32.5	38.3
CITRUS FRUITS	36.5	37.0
OTHER FRUITS AND NUTS	44.1	33.2
HORTICULTURAL SPECIALTIES	45.2	48.5
GENERAL FARM PRIMARILY CROP	55.7	51.4
TOTAL AGRIC. PROD. LIVESTOCK	51.5	50.1
DAIRY FARMS	53.8	50.2
CHICKEN EGGS	46.2	45.7
OTHER LIVESTOCK	51.6	52.8
TOTAL AGRICULTURAL SERVICES	30.5	30.1
CROP SERVICES	37.2	39.1
CROP PLANT-CULT-PROTECTION	49.5	51.1
CROP HARVEST PRIM. MACHINE	33.0	34.7
CROP PREP. SERV. FOR MARKET	37.3	37.9
TOTAL FARM LABOR & MANAGEMENT	27.5	26.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	6.44	6.42
TOTAL AGRIC. PROD. CROPS	6.27	5.89
FIELD CROPS	6.14	6.01
VEGETABLES AND MELONS	6.19	5.80
TOTAL FRUIT AND TREE NUTS	6.21	5.58
GRAPES	6.20	5.29
CITRUS FRUITS	6.85	6.93
OTHER FRUITS AND NUTS	6.10	5.84
HORTICULTURAL SPECIALTIES	7.49	7.23
GENERAL FARM PRIMARILY CROP	6.28	5.94
TOTAL AGRIC. PROD. LIVESTOCK	8.34	8.19
DAIRY FARMS	9.80	9.81
CHICKEN EGGS	5.85	5.99
OTHER LIVESTOCK	7.59	7.09
TOTAL AGRICULTURAL SERVICES	6.05	6.28
CROP SERVICES	6.20	6.18
CROP PLANT-CULT-PROTECTION	6.33	5.49
CROP HARVEST PRIM. MACHINE	6.21	6.08
CROP PREP. SERV. FOR MARKET	6.18	6.35
TOTAL FARM LABOR & MANAGEMENT	5.96	6.35

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	31.6	30.9	32.1
TOTAL AGRIC. PROD. CROPS	21.7	21.5	22.2
RICE	1.4	1.7	1.4
VEGETABLES AND MELONS	1.4	1.4	2.0
TOTAL FRUIT AND TREE NUTS	7.4	7.4	7.7
TREE NUTS	1.6	1.6	1.8
DECIDUOUS TREE FRUIT	3.6	3.7	3.9
OTHER FRUITS AND NUTS	2.2	2.1	2.0
HORTICULTURAL SPECIALTIES	2.6	2.4	2.5
GENERAL FARM PRIMARILY CROP	8.9	8.6	8.6
TOTAL AGRIC. PROD. LIVESTOCK	2.2	2.2	2.3
TOTAL AGRICULTURAL SERVICES	7.7	7.2	7.6
CROP SERVICES	2.8	3.0	2.6
CROP HARVEST PRIM. MACHINE	1.6	1.8	1.4
CROP PREP. SERV. FOR MARKET	1.2	1.2	1.2
TOTAL FARM LABOR & MANAGEMENT	4.9	4.2	5.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	28.9	28.3
TOTAL AGRIC. PROD. CROPS	20.2	19.8
RICE	1.2	1.4
VEGETABLES AND MELONS	1.4	1.3
TOTAL FRUIT AND TREE NUTS	6.8	6.9
TREE NUTS	1.4	1.4
DECIDUOUS TREE FRUIT	3.3	3.5
OTHER FRUITS AND NUTS	2.1	2.0
HORTICULTURAL SPECIALTIES	2.4	2.2
GENERAL FARM PRIMARILY CROP	8.4	8.0
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.0
TOTAL AGRICULTURAL SERVICES	6.7	6.5
CROP SERVICES	2.2	2.5
CROP HARVEST PRIM. MACHINE	1.2	1.5
CROP PREP. SERV. FOR MARKET	1.0	1.0
TOTAL FARM LABOR & MANAGEMENT	4.5	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	282.50	276.34
TOTAL AGRIC. PROD. CROPS	296.50	280.69
RICE	361.76	356.83
VEGETABLES AND MELONS	352.50	348.61
TOTAL FRUIT AND TREE NUTS	278.11	244.34
TREE NUTS	284.53	264.27
DECIDUOUS TREE FRUIT	283.04	233.50
OTHER FRUITS AND NUTS	264.49	250.06
HORTICULTURAL SPECIALTIES	249.48	275.42
GENERAL FARM PRIMARILY CROP	306.15	287.70
TOTAL AGRIC. PROD. LIVESTOCK	338.88	337.21
TOTAL AGRICULTURAL SERVICES	224.91	245.10
CROP SERVICES	279.21	295.04
CROP HARVEST PRIM. MACHINE	285.37	294.15
CROP PREP. SERV. FOR MARKET	272.43	296.79
TOTAL FARM LABOR & MANAGEMENT	198.80	213.87

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	50.0	47.4
TOTAL AGRIC. PROD. CROPS	52.2	48.9
RICE	55.4	53.1
VEGETABLES AND MELONS	55.6	56.5
TOTAL FRUIT AND TREE NUTS	48.2	43.4
TREE NUTS	47.9	45.8
DECIDUOUS TREE FRUIT	48.8	41.4
OTHER FRUITS AND NUTS	47.4	45.3
HORTICULTURAL SPECIALTIES	44.0	45.3
GENERAL FARM PRIMARILY CROP	56.8	52.5
TOTAL AGRIC. PROD. LIVESTOCK	48.0	46.9
TOTAL AGRICULTURAL SERVICES	44.1	43.0
CROP SERVICES	45.4	44.5
CROP HARVEST PRIM. MACHINE	47.8	44.3
CROP PREP. SERV. FOR MARKET	42.5	44.9
TOTAL FARM LABOR & MANAGEMENT	43.5	42.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	5.65	5.83
TOTAL AGRIC. PROD. CROPS	5.68	5.74
RICE	6.53	6.72
VEGETABLES AND MELONS	6.34	6.17
TOTAL FRUIT AND TREE NUTS	5.77	5.63
TREE NUTS	5.94	5.77
DECIDUOUS TREE FRUIT	5.80	5.64
OTHER FRUITS AND NUTS	5.58	5.52
HORTICULTURAL SPECIALTIES	5.67	6.08
GENERAL FARM PRIMARILY CROP	5.39	5.48
TOTAL AGRIC. PROD. LIVESTOCK	7.06	7.19
TOTAL AGRICULTURAL SERVICES	5.10	5.70
CROP SERVICES	6.15	6.63
CROP HARVEST PRIM. MACHINE	5.97	6.64
CROP PREP. SERV. FOR MARKET	6.41	6.61
TOTAL FARM LABOR & MANAGEMENT	4.57	5.08

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991	JUN 1990
TOTAL AGRICULTURAL	14.4	12.9	14.8
TOTAL AGRIC. PROD. CROPS	10.3	9.2	11.0
TOTAL FRUIT AND TREE NUTS	8.6	7.5	9.4
GRAPES	7.4	6.6	8.2
OTHER FRUITS AND NUTS	1.2	0.9	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.2	1.2
GENERAL FARM PRIMARILY CROP (2)	0.5	0.5	0.4
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.0	2.1
TOTAL AGRICULTURAL SERVICES	2.1	1.7	1.7

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, OR HOURS AND EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	11.6	10.4
TOTAL AGRIC. PROD. CROPS	8.0	7.2
TOTAL FRUIT AND TREE NUTS	6.5	5.8
GRAPES	5.5	5.0
OTHER FRUITS AND NUTS	1.0	0.8
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.0
TOTAL AGRIC. PROD. LIVESTOCK	1.6	1.6
TOTAL AGRICULTURAL SERVICES	2.0	1.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	320.03	305.45
TOTAL AGRIC. PROD. CROPS	295.48	288.60
TOTAL FRUIT AND TREE NUTS	298.39	295.40
GRAPES	313.47	309.78
OTHER FRUITS AND NUTS	219.73	204.44
TOTAL HORTICULTURAL SPECIALTIES	299.13	217.06
TOTAL AGRIC. PROD. LIVESTOCK	318.25	310.48
TOTAL AGRICULTURAL SERVICES	418.65	378.76

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	43.9	41.9
TOTAL AGRIC. PROD. CROPS	41.5	39.0
TOTAL FRUIT AND TREE NUTS	41.5	40.3
GRAPES	41.3	40.6
OTHER FRUITS AND NUTS	42.5	38.0
TOTAL HORTICULTURAL SPECIALTIES	39.0	32.3
TOTAL AGRIC. PROD. LIVESTOCK	47.5	46.9
TOTAL AGRICULTURAL SERVICES	50.5	50.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1991	MAY 1991
TOTAL AGRICULTURAL	7.29	7.29
TOTAL AGRIC. PROD. CROPS	7.12	7.40
TOTAL FRUIT AND TREE NUTS	7.19	7.33
GRAPES	7.59	7.63
OTHER FRUITS AND NUTS	5.17	5.38
TOTAL HORTICULTURAL SPECIALTIES	7.67	6.72
TOTAL AGRIC. PROD. LIVESTOCK	6.70	6.62
TOTAL AGRICULTURAL SERVICES	8.29	7.56

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.